

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
 Data File : VN085690.D
 Acq On : 05 Feb 2025 20:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 06 00:48:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2025
 Supervised By : Mahesh Dadoda 02/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	198205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	350920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126619	39.575	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	79.160%		
35) Dibromofluoromethane	8.159	113	105201	43.212	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.420%		
50) Toluene-d8	10.565	98	385305	44.545	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.080%		
62) 4-Bromofluorobenzene	12.847	95	132706	44.850	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	89.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	159041	59.263	ug/l	100
3) Chloromethane	2.359	50	148581	51.135	ug/l	98
4) Vinyl Chloride	2.512	62	184214	63.074	ug/l	98
5) Bromomethane	2.942	94	109693	62.179	ug/l	100
6) Chloroethane	3.112	64	105430	56.939	ug/l	97
7) Trichlorofluoromethane	3.495	101	220609	52.059	ug/l	100
8) Diethyl Ether	3.959	74	76963	52.572	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	128937	54.020	ug/l	96
10) Methyl Iodide	4.589	142	170972	62.550	ug/l	93
11) Tert butyl alcohol	5.518	59	99118	270.550	ug/l	99
12) 1,1-Dichloroethene	4.336	96	124788	58.663	ug/l	90
13) Acrolein	4.171	56	105381	210.716	ug/l	99
14) Allyl chloride	5.024	41	157984	45.769	ug/l	96
15) Acrylonitrile	5.712	53	306301	263.220	ug/l	99
16) Acetone	4.424	43	239379	231.560	ug/l	95
17) Carbon Disulfide	4.706	76	362977	55.420	ug/l	98
18) Methyl Acetate	5.024	43	147289	46.855	ug/l	92
19) Methyl tert-butyl Ether	5.795	73	392602	56.840	ug/l	98
20) Methylene Chloride	5.271	84	140249	54.802	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	126162	55.496	ug/l	93
22) Diisopropyl ether	6.671	45	380980	49.727	ug/l	97
23) Vinyl Acetate	6.600	43	1409012	262.792	ug/l	96
24) 1,1-Dichloroethane	6.565	63	241507	51.697	ug/l	98
25) 2-Butanone	7.477	43	377001	247.818	ug/l	91
26) 2,2-Dichloropropane	7.489	77	185777	49.187	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	152209	56.845	ug/l	90
28) Bromochloromethane	7.806	49	84937	39.080	ug/l	88
29) Tetrahydrofuran	7.836	42	250130	259.337	ug/l	89
30) Chloroform	7.965	83	246668	51.088	ug/l	99
31) Cyclohexane	8.253	56	194664	47.942	ug/l	88
32) 1,1,1-Trichloroethane	8.165	97	222288	52.486	ug/l	96
36) 1,1-Dichloropropene	8.365	75	178168	52.145	ug/l	98
37) Ethyl Acetate	7.559	43	156923	45.501	ug/l	97
38) Carbon Tetrachloride	8.359	117	195203	49.903	ug/l	95
39) Methylcyclohexane	9.600	83	179836	56.010	ug/l	96
40) Benzene	8.600	78	556024	54.160	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	84455	47.069	ug/l	93
42) 1,2-Dichloroethane	8.665	62	181308	46.891	ug/l	97
43) Isopropyl Acetate	8.683	43	290372	52.545	ug/l	98
44) Trichloroethene	9.347	130	124742	52.198	ug/l	95
45) 1,2-Dichloropropane	9.618	63	133381	50.864	ug/l	100
46) Dibromomethane	9.706	93	95637	50.544	ug/l	97
47) Bromodichloromethane	9.882	83	195318	50.667	ug/l	99
48) Methyl methacrylate	9.677	41	122951	49.440	ug/l	91
49) 1,4-Dioxane	9.688	88	47680	1138.525	ug/l #	91
51) 4-Methyl-2-Pentanone	10.441	43	795585	248.098	ug/l	93
52) Toluene	10.630	92	344970	57.992	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	195902	53.775	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	211641	54.388	ug/l	92
55) 1,1,2-Trichloroethane	11.012	97	126606	53.781	ug/l	98
56) Ethyl methacrylate	10.871	69	197311	49.765	ug/l	91
57) 1,3-Dichloropropane	11.159	76	217138	53.046	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	471263	315.455	ug/l	97
59) 2-Hexanone	11.194	43	577334	255.870	ug/l	91
60) Dibromochloromethane	11.359	129	150196	52.847	ug/l	99
61) 1,2-Dibromoethane	11.465	107	126249	53.876	ug/l	99
64) Tetrachloroethene	11.100	164	106010	50.244	ug/l	98
65) Chlorobenzene	11.888	112	364846	53.813	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	126908	51.001	ug/l	99
67) Ethyl Benzene	11.959	91	631332	57.172	ug/l	97
68) m/p-Xylenes	12.065	106	491473	120.425	ug/l	95
69) o-Xylene	12.394	106	233863	59.961	ug/l	97
70) Styrene	12.406	104	396550	61.435	ug/l	96
71) Bromoform	12.576	173	97205	54.596	ug/l #	99
73) Isopropylbenzene	12.694	105	583338	56.969	ug/l	99
74) N-amyl acetate	12.488	43	231247	50.244	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	184091	50.896	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	141966m	46.038	ug/l	
77) Bromobenzene	12.976	156	140601	52.557	ug/l	95
78) n-propylbenzene	13.035	91	681047	56.183	ug/l	99
79) 2-Chlorotoluene	13.123	91	415289	52.935	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	477849	56.497	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	62601m	54.925	ug/l	
82) 4-Chlorotoluene	13.218	91	413822	52.977	ug/l	97
83) tert-Butylbenzene	13.435	119	397023	55.897	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	486107	57.665	ug/l	98
85) sec-Butylbenzene	13.612	105	558908	56.776	ug/l	100
86) p-Isopropyltoluene	13.723	119	459479	51.626	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	257412	52.248	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	255729	50.078	ug/l	98
89) n-Butylbenzene	14.053	91	381518	54.022	ug/l	100
90) Hexachloroethane	14.329	117	90305	48.187	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	249573	50.785	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32958	49.899	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	115122	50.403	ug/l	98
94) Hexachlorobutadiene	15.500	225	52907	43.631	ug/l	97
95) Naphthalene	15.635	128	385152	56.510	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	113989	49.323	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

